

Abstract

An integrated circuit (IC) includes one or more silicon-on-insulator (SOI) transistors. Each SOI transistor includes a first source region, a second source region, a drain region, a body contact region, a gate, and first and second isolation regions. The body contact region couples electrically to a body of the SOI transistor. The gate controls current flow between the first and second source regions and a drain region of the transistor. The first isolation region is disposed between the first source region and the body contact region. The second isolation region is disposed between the second source region and the body contact region.